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Vector equilibrium problems on unbounded sets

Konnov I., Liu Z.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

We consider a general vector equilibrium problem in a reflexive Banach space setting and propose a new coercivity condition for the case of unbounded sets. This condition enables us to obtain new existence results of solutions for vector equilibrium problems. We specialize these results for scalar equilibrium problems and vector variational inequalities. © 2010 Pleiades Publishing, Ltd.

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Keywords

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